Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Sunday 24 Jan 2021 until 23:59 on Monday 25 Jan 2021

Forecast Issued on Sunday 24 Jan 2021 at 05:00

Confidence: High for cold, showery conditions through Sunday and Monday and then becoming milder with rain and a thaw from later Tuesday, but details over timing of this change remain uncertain.

Headline for Sunday 24 Jan 2021: Mainly dry with long sunny spells. Cold

Mountain weather hazards on Sunday 24 Jan 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Medium Likelihood	**Poor visibility** No Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Low Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Cloudy	Sunny	Clear night	Clear night
Precipitation probability					
<05%	<05%	<05%	<05%	<05%	10%

Forecast for Sunday 24 Jan 2021

Weather: Dry with long clear or sunny spells, perhaps just an isolated snow shower later in the evening. One or two low level freezing fog patches in valleys overnight and again later

Chance of cloud free mountain/hill tops above 600m: Close to 100% with little or no cloud below the summits.

Visibility: Very good or excellent with good panoramic views of surrounding snow covered hills, falling to a few kilometres in any snow showers later. Glare off lying snow expected.

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Mountain Weather Forecast

Forecast for Sunday 24 Jan 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	4/5 S	4/9 E	5/7 NE	4/5 N	5/12 N	5/11 W	10/18 W
300	1/4 E	3/8 E	4/6 E	4/6 N	5/11 NW	3/11 NW	5/16 W
Valley	2/3 SE	5/10 NE	2/4 NE	4/7 N	3/8 N	1/6 NW	2/7 NW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-3/-6	-3/-6	-2/-6	-2/-4	-4/-7	-4/-7	-3/-9
300	-3/-5	-1/-3	1/-2	0/-2	-3/-6	-4/-7	-3/-6
Valley	-2/-4	-0/-3	2/0	2/0	-2/-4	-4/-6	-2/-4
Freezing Level*	00m	00m	100m	200m	00m	00m	00m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Valley temperatures around minus 5 or 6 Celsius at first.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Sun 24 Jan 2021	0.4mm	8.4mm	23.4mm

Forecast for Monday 25 Jan 2021

Weather: Long clear or sunny spells with just a few snow showers. Patchy low level freezing fog possible in valleys

Maximum wind: Westerly or southwesterly 15mph, decreasing 10mph in afternoon.

Chance of cloud free mountain/hill tops above 600m: Around 60% in west but nearer 90% in east

Visibility: Occasional cloud above 600m in west, but only small amounts below summits in east. Away from cloud, very good or excellent with good panoramic views of surrounding snow covered hills, falling to just a few kilometres in snow showers. Glare off lying snow expected.

Temperature: **Valleys:** Minus 4 or 5 Celsius at dawn rising to just plus 1 or 2 Celsius by day
At 600m: Minus 3 Celsius
Freezing level: Less than 300m

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